Title (en)

VEHICULAR SEAT BACK FRAME STRUCTURE

Title (de)

RAHMENSTRUKTUR FÜR FAHRZEUGSITZLEHNEN

Title (fr)

STRUCTURE DE CADRE DE DOSSIER DE SIÈGE DE VÉHICULE

Publication

EP 3575145 A4 20200101 (EN)

Application

EP 18745414 A 20180122

Priority

- JP 2017010472 A 20170124
- JP 2018001704 W 20180122

Abstract (en)

[origin: EP3575145A1] Separation of a joining in a joining part of a closed cross-sectional structure of an upper cross member is suppressed and the rigidity of the upper cross member is ensured. A vehicular seatback frame structure is provided with resin side frames (21, 22), and an upper cross member (30) bridged over between upper parts of the side frames (21, 22). The upper cross member (30) includes a first member (31), and a second member (32) disposed under the first member (31). An opening part is provided in a lower part of the first member (31), the first member (31) has a traverse cross-sectional shape opening to the downward side, an opening part is provided in an upper part of the second member (32), and the second member (32) has a traverse cross-sectional shape opening to the upward side. The opening part of the first member (31) and the opening part of the second member (32) are bonded in a state of facing each other to form a closed cross-sectional structure.

IPC 8 full level

B60N 2/68 (2006.01); **A47C 7/40** (2006.01); **B60N 2/427** (2006.01); **B60N 2/64** (2006.01); **B60N 2/90** (2018.01)

CPC (source: EP)

B60N 2/64 (2013.01); **B60N 2/68** (2013.01)

Citation (search report)

- [A] US 2004227389 A1 20041118 - YOSHIDA MASAMI [JP]
- [A] US 5626396 A 19970506 - KURAGANO KENTAROU [JP], et al
- See references of WO 2018139385A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 3575145 A1 20191204; **EP 3575145 A4 20200101**; **EP 3575145 B1 20210324**; CN 110167794 A 20190823; CN 110167794 B 20210706; JP 2018118585 A 20180802; JP 6760857 B2 20200923; WO 2018139385 A1 20180802

DOCDB simple family (application)

EP 18745414 A 20180122; CN 201880006379 A 20180122; JP 2017010472 A 20170124; JP 2018001704 W 20180122